S
338.13
A7WV
2004
CORRECTED

Montana Wheat Varieties 2004

STATE DOCUMENTS COLLECTION
JUL 20 2004
MONTANA STATE LIBRARY
1515 E. 6th AVE
HELENA, MONTANA 59620

MONTANA
AGRICULTURAL
STATISTICS SERVICE
10 W 15th St Suite 3100
Helena, MT 59626-0033
(406) 441-1240 or 1-800-835-2612
www.nass.usda.gov/mt/
nass-mt@nass.usda.gov

Montana State Library
3 0864 1003 0482 6

Released: July 23, 2004 - Corrected

WINTER WHEAT

Rampart acreage continues to climb, with 516,100 acres seeded this year, compared to last year's acreage of 463,400. Rampart, a hard red winter wheat, was developed by the Montana Agricultural Experiment Station and released in 1996. It is an awned, red-chaffed, solid-stemmed variety. Kernels are hard red, with a mid-sized germ. Rampart is resistant to the wheat stem sawfly and to prevalent races of stem rust. It is susceptible to stripe rust, leaf rust, dwarf smut, and the Russian wheat aphid. Rampart has excellent milling and baking qualities.

Neeley remains in second place this year with 295,800 acres seeded, which accounts for 16 percent of the total winter wheat acreage in the state. Neeley was developed by the Agricultural Research Service, United States Department of Agriculture (USDA) in cooperation with the Idaho Agricultural Experiment Station and released in 1980. It is a semi-dwarf variety with intermediate maturity.

Tiber remains in third place with 173,200 acres seeded, which is up from last year's acreage of 170,700. Tiber is a standard-height, hard red winter wheat variety released by the Montana Agricultural Experiment Station in 1987. Tiber is a bearded, brown-chaffed, stiff-strawed variety. It has a high yield potential, good shatter resistance, and good winter hardiness (similar to Redfin). Tiber's resistance to lodging and shattering is equal to Redfin, but shorter in straw height than Winalta. It also has moderate resistance to the leaf spot complex, but is susceptible to dwarf smut, stem rust, and very susceptible to stripe rust.

Morgan became the fourth leading variety in the state this year, replacing Rocky. A total of 140,400 acres were seeded, which accounts for 7.6 of the total acres seeded. Morgan is a semi-dwarf hard red winter wheat developed by the Crop Development Centre (CDC) at the University of Saskatchewan. It is recommended for the high winter stress areas of Montana and North Dakota.

The four top varieties (Rampart, Neeley, Tiber, and Morgan) account for 60.8 percent of the winter wheat acreage seeded for harvest in 2004. The top four varieties seeded for 2003 accounted for 60.0 percent of the total winter wheat acreage for the state.

SPRING WHEAT

McNeal is the leading spring wheat variety seeded for the seventh consecutive year, accounting for 31.7 percent of the acreage, or 903,900 acres, which is down more than 100,000 acres from 2003. McNeal was developed by the Montana Agricultural Experiment Station and released in March 1995. It is a semi-dwarf, hard red spring wheat with red chaff and tan straw. Under Montana growing conditions, McNeal is moderately resistant to lodging and to prevalent races of stem rust and wheat streak mosaic virus. It is somewhat susceptible to leaf rust and stripe rust, and is also fairly vulnerable to Russian wheat aphid and the wheat stem sawfly.

Reeder remains in second place with 622,500 acres seeded this year, which is up from last year's acreage of 525,100. Reader was developed from a cross of a relative of Stop and germplasm from a program in Brazil. Produced by the North Dakota Agricultural Experiment Station and released in 1999, Reader is resistant to upper mid-west stem and leaf rust.

Ernest stays in third place this year with 289,100 acres seeded, which accounts for 10.2 percent of the spring wheat acres seeded in Montana. Ernest was developed by the North Dakota Agricultural Experiment Station and released in 1995. It is an awned, white chaffed, standard height, solid stemmed, hard red spring wheat. It is resistant to wheat stem sawfly, leaf rust, and stem rust.

Conan joins the top four list this year with 208,300 acres seeded, or 7.3 percent of the state's spring wheat acreage. Conan was developed by the Western Plant Breeders and released in 1997. It is a white chaffed, semidwarf, sawfly tolerant, hard red spring wheat. It is resistant to prevalent races of stripe rust and leaf rust, and has shown good tolerance to septoria and tan spot.

The top four varieties (McNeal, Reader, Ernest, and Conan) account for 71.0 percent of the spring wheat acreage seeded for harvest in 2004. The top four varieties seeded for 2003 accounted for 69.4 percent of the total spring wheat acreage for the state.

This was made possible by funds provided by the Montana Wheat & Barley Committee. This survey was conducted by the Montana Agricultural Statistics Service.

Peggy Stringer, Director

Sara French, Student Intern

DURUM WHEAT

Mountrail overtakes Kyle this year to become the top durum wheat variety in the state, with 245,300 acres seeded, or 40.9 percent of the durum wheat acreage. Mountrail was developed from the cross of D8479 and Renville by the North Dakota Agricultural Experiment Station, and was released in 1999. The variety has a high semolina extract with strong gluten. It is resistant to both leaf and stem rusts.

Kyle falls to second place this year, after spending seven consecutive years at the top. There were 203,600 acres seeded in the state, accounting for 33.9 percent of the total acres. Kyle was developed by the Agriculture Canada Research Station, Swift Current, Saskatchewan and released in 1984. Kyle is resistant to leaf and stem rust. It is moderately susceptible to tan spot and Septoria leaf spot and susceptible to loose smut.

AC Avonlea became the third most popular variety this year with 45,100 acres seeded or 7.5 percent of the state's durum wheat. AC Avonlea durum wheat, a high protein, high yield variety, was registered in 1997. AC Avonlea was developed at the Semiarid Prairie Agricultural Research Centre (SPARC) of Agriculture and Agri-Food Canada, Swift Current. It is a medium height variety. AC Avonlea has slightly better resistance to the leaf disease tan spot than Kyle.

Ward joins the top four list this year, with 16,500 acres seeded, or 2.8 percent of the state's durum wheat acreage. Ward was developed by the North Dakota Agricultural Experiment Station in cooperation with the Agricultural Research Service, USDA, and was released in 1972. It is an awned variety with yellow glumes, with high yield potential, good straw and disease resistance and a low incidence of leaf spotting.

The top four varieties (Monorail, Kyle, AC Avonlea, and Ward) account for 85.1 percent of the total durum wheat acreage in the state for 2004. The top four varieties in 2003 accounted for 82.4 percent of the total durum wheat acreage.

Winter Wheat: 2004 Seeded Acreage and Percent of Total Seeded by Districts 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Rampart	4.7	36.2	451.5	43.0	6.2	5.7	42.4	11.0	3.6	12.0	6.6	3.9	1.1	1.2	516.1	27.9
Neeley	0.8	6.2	69.3	6.6	21.4	19.6	153.2	39.8	11.0	36.7	38.4	22.6	1.7	1.8	295.8	16.0
Tiber	0.0	0.0	37.8	3.6	22.3	20.5	42.0	10.9	0.0	0.0	45.9	27.0	25.2	27.1	173.2	9.4
Morgan	0.0	0.0	116.6	11.1	9.0	8.3	8.1	2.1	3.8	12.5	2.2	1.3	0.7	0.7	140.4	7.6
Vanguard	0.9	6.8	106.1	10.1	0.0	0.0	27.3	7.1	5.0	16.5	1.0	0.6	0.0	0.0	140.3	7.6
Rocky	0.0	0.0	92.4	8.8	9.6	8.8	5.4	1.4	0.0	0.0	0.0	0.0	2.5	2.7	109.9	5.9
Redwin	0.0	0.0	6.3	0.6	14.3	13.1	1.2	0.3	0.0	0.0	11.6	6.8	13.5	14.5	46.9	2.5
Big Horn	0.0	0.0	20.0	1.9	1.7	1.6	16.6	4.3	0.0	0.0	0.3	0.2	0.8	0.9	39.4	2.1
CDC Falcon	0.2	1.5	11.6	1.1	0.2	0.2	8.5	2.2	0.8	2.6	0.3	0.2	10.0	10.8	31.6	1.7
Tomahawk	0.8	6.2	1.1	0.1	0.0	0.0	6.5	1.7	0.0	0.0	20.1	11.8	0.0	0.0	28.5	1.5
AP 502CL	0.0	0.0	3.2	0.3	0.0	0.0	16.6	4.3	1.5	5.0	5.6	3.3	0.0	0.0	26.9	1.5
Judith	0.0	0.0	22.1	2.1	0.0	0.0	1.2	0.3	0.0	0.0	0.3	0.2	0.0	0.0	23.6	1.3
Nufrontier	0.0	0.0	20.0	1.9	0.0	0.0	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	22.3	1.2
Big Sky	0.0	0.0	7.4	0.7	0.0	0.0	7.7	2.0	0.0	0.0	0.9	0.5	0.0	0.0	16.0	0.9
Promontory	0.0	0.0	0.0	0.0	0.0	0.0	8.5	2.2	0.1	0.3	4.1	2.4	3.0	3.2	15.7	0.8
Pryor	0.0	0.0	6.3	0.6	4.0	3.7	1.9	0.5	1.1	3.7	0.0	0.0	0.0	0.0	13.3	0.7
Winalta	0.0	0.0	0.0	0.0	3.3	3.0	0.8	0.2	0.0	0.0	0.0	0.0	8.3	8.9	12.4	0.7
Nuwest **	0.0	0.0	6.3	0.6	0.0	0.0	5.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.6
Quantum 542	0.0	0.0	8.4	0.8	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	1.1	1.2	9.9	0.5
Centurk	0.0	0.0	8.4	0.8	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.5
Other & Unknown	5.6	43.1	55.2	5.3	17.0	15.5	29.0	7.6	3.1	10.7	32.7	19.2	25.1	27.0	167.7	9.1
All Varieties	13.0	100.0	1,050.0	100.0	109.0	100.0	385.0	100.0	30.0	100.0	170.0	100.0	93.0	100.0	1,850.0	100.0

1/ Columns may not sum to all varieties due to rounding 2/ Hard red variety unless otherwise noted **White wheat variety.

Winter Wheat: Percent of Total Seeded Acreage 1998-2004 & Seeded Acreage 2003-2004 1/

Variety 2/	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1998	1999	2000	2001	2002	2003 3/	2004	2003 3/	2004
Rampart	1.8	9.0	13.8	15.9	19.6	25.7	27.9	463.4	516.1
Neeley	20.0	20.8	19.2	22.6	19.9	16.8	16.0	302.0	295.8
Tiber	14 2	17.3	11.3	10.9	11.2	9.5	9.4	170.7	173.2
Morgan	2.2	7.0	8.3	10.0	7.3	7.3	7.6	131.7	140.4
Vanguard	10.3	7.0	9.4	6.7	9.1	6.7	7.6	121.5	140.3
Rocky	13.4	8.2	6.9	8.9	11.1	8.0	5.9	143.9	109.9
Redwin	6.1	4.7	6.4	4.0	5.0	3.0	2.5	54.5	46.9
Big Horn	3.5	3.6	3.3	3.0	1.7	1.8	2.1	32.3	39.4
CDC Falcon	--	--	--	--	--	0.4	1.7	7.2	31.6
Tomahawk	0.2	0.6	0.9	1.2	0.9	0.5	1.5	9.8	28.5
AP 502 CL	--	--	--	--	--	0.4	1.5	7.2	26.9
Judith	4.3	1.0	2.3	0.3	0.5	--	1.3	--	23.6
Nufrontier	--	--	--	--	0.3	1.5	1.2	26.5	22.3
Big Sky	--	--	--	--	--	--	0.9	--	16.0
Promontory	0.7	--	--	0.4	0.2	1.3	0.8	23.1	15.7
Pryor	--	--	--	--	--	--	0.7	--	13.3
Winalta	2.9	1.7	1.1	2.1	0.9	1.2	0.7	20.7	12.4
Nuwest **	--	0.5	0.4	1.7	0.9	1.0	0.6	17.3	11.3
Quantum 542	1.0	1.4	2.2	2.0	1.0	1.0	0.5	17.7	9.9
Centurk	0.9	0.9	0.5	0.4	0.4	0.8	0.5	14.9	8.8
Other & Unknown	18.5	16.3	14.0	9.9	10.0	13.1	9.1	235.6	167.7
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,800.0	1,850.0

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. 3/ Revised. **White wheat variety.

Winter Wheat: 2003 Seeded Acreage and Percent of Total Seeded by Districts 1/, 2/

Variety 3/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Rampart	0.0	0.0	415.5	41.1	0.5	0.5	33.1	9.0	1.6	5.3	9.8	5.5	2.9	2.6	463.4	25.7
Neeley	1.3	16.0	74.8	7.4	9.8	10.7	152.0	41.3	21.4	71.3	37.9	21.2	4.8	4.3	302.0	16.8
Tiber	0.0	0.0	52.6	5.2	20.9	22.7	46.0	12.5	0.7	2.4	23.1	12.9	27.4	24.5	170.7	9.5
Rocky	0.0	0.0	124.4	12.3	1.6	1.7	17.7	4.8	0.0	0.0	0.0	0.0	0.2	0.2	143.9	8.0
Morgan	0.0	0.0	104.1	10.3	7.3	7.9	11.4	3.1	3.0	10.0	1.1	0.6	4.8	4.3	131.7	7.3
Vanguard	0.0	0.0	99.1	9.8	0.0	0.0	19.9	5.4	0.0	0.0	2.5	1.4	0.0	0.0	121.5	6.7
Redwin	0.0	0.0	8.1	0.8	12.5	13.6	0.4	0.1	0.0	0.0	27.7	15.5	5.8	5.2	54.5	3.0
Big Horn	0.0	0.0	9.1	0.9	0.0	0.0	22.4	6.1	0.0	0.0	0.5	0.3	0.3	0.3	32.3	1.8
Nufrontier	0.0	0.0	18.2	1.8	0.0	0.0	0.7	0.2	0.0	0.0	1.1	0.6	6.5	5.8	26.5	1.5
Promontory	0.0	0.0	0.0	0.0	0.0	0.0	9.9	2.7	0.2	0.7	12.9	7.2	0.1	0.1	23.1	1.3
Winalta	0.0	0.0	2.0	0.2	8.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	10.1	9.0	20.7	1.2
Erhardt	0.0	0.0	0.0	0.0	1.3	1.4	1.5	0.4	0.0	0.0	0.0	0.0	15.1	13.5	17.9	1.0
Quantum 542	0.0	0.0	12.1	1.2	0.0	0.0	4 0	1.1	0.0	0.0	1.6	0.9	0.0	0.0	17.7	1.0
Roughrider	0.0	0.0	0.0	0.0	5.5	6.0	0.7	0.2	0.0	0.0	0.0	0.0	11.3	10.1	17.5	1.0
Nuwest **	0.0	0.0	12.1	1.2	0.0	0.0	5.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	17.3	1.0
Centurk	0.0	0.0	13.1	1.3	0.0	0.0	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.8
Warrior	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	3.7	4.9	4.4	11.5	0.6
Norstar	0.0	0.0	6.1	0.6	2.5	2.7	1.5	0.4	0.0	0.0	0.0	0.0	0.7	0.6	10.8	0.6
Tomahawk	0 4	5.3	0.0	0.0	0.0	0.0	0 4	0.1	0.0	0.0	9.0	5.0	0.0	0.0	9.8	0.5
Prowers	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	8.8	4.9	0.0	0.0	9.8	0.5
Kestrel	0.0	0.0	2.0	0.2	1.5	1.6	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.5
Goldenspike	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	7.9	4.4	0.0	0.0	8.6	0.5
Other & Unknown	6.3	78.7	56.7	5.6	20.0	21.8	33.2	9.0	3.1	10.3	28.5	15.9	17.1	15.1	164.9	9.2
All Varieties	8.0	100.0	1,011.0	100.0	92.0	100.0	368.0	100.0	30.0	100.0	179.0	100.0	112.0	100.0	1,800.0	100.0

1/ Columns may not sum to all varieties due to rounding. 2/ Revised. 3/ Hard red variety unless otherwise noted. **White wheat variety.

Spring Wheat: 2004 Seeded Acreage and Percent of Total Seeded by Districts 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
McNeal	3.7	12.8	291.5	25.8	398.4	33.2	118.0	54.9	23.6	39.3	32.2	39.8	36.5	27.0	903.9	31.7
Reeder	0.8	2.7	12.4	1.1	547.2	45.6	27.7	12.9	0.0	0.0	9.4	11.6	25.0	18.5	622.5	21.8
Ernest	0.0	0.0	231.7	20.5	44.4	3.7	4.7	2.2	0.5	0.8	0.2	0.3	7.6	5.6	289.1	10.2
Conan	0.0	0.0	196.6	17.4	1.2	0.1	4.7	2.2	1.6	2.7	3.0	3.7	1.2	0.9	208.3	7.3
Fortuna	0.0	0.0	113.0	10.0	7.2	0.6	8.8	4.1	1.0	1.7	3.2	3.9	0.5	0.4	133.7	4 7
Westbred Rambo	1.0	3.4	81.4	7.2	7.2	0.6	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	91.1	3.2
Amidon	0.0	0.0	31.6	2.8	48.0	4.0	0.9	0.4	0.0	0.0	0.5	0.6	2.2	1.6	83.2	2.9
Lew	0.0	0.0	42.9	3.8	18.0	1.5	0.0	0.0	0.0	0.0	6.5	8.0	0.5	0.4	67.9	2 4
Scholar	0.0	0.0	44.1	3.9	15.6	1.3	3.2	1.5	0 0	0.0	1.5	1.9	0.0	0.0	64.4	2.3
Hank	4.1	14.1	21.5	1.9	0.0	0.0	13.5	6.3	9.1	15.2	2.0	2.5	0.9	0.7	51.1	1.8
Parshall	0.0	0.0	0.0	0.0	22.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.7	5.7	30.5	1.1
Westbred 936	3.5	12.1	3.4	0.3	0.0	0.0	3.0	1.4	13.6	22.7	0.2	0.2	5.8	4.3	29.5	1.0
Westbred 926	8.6	29.7	4.5	0.4	0.0	0.0	9.0	4.2	2.3	3.8	0.5	0.6	2.4	1.8	27.3	1.0
Grandin	0.0	0.0	0.0	0.0	13.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	10.5	7 8	23.7	0 8
Len	0.0	0.0	0.0	0.0	10.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4 2	3.1	15.0	0.5
Newana	0.0	0.0	5.7	0.5	0.0	0.0	1.5	0.7	0.1	0.1	2.5	3.1	5.1	3.8	14 9	0.5
Hi-Line	0.0	0.0	9.0	0.8	0 0	0.0	0.0	0.0	0.9	1.5	0.0	0.0	2.3	1.7	12.2	0.4
Gunner	0.0	0.0	0.0	0.0	12.0	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.4
Golden 86 **	0.0	0.0	0.0	0.0	0.0	0.0	8.2	3.8	0.0	0.0	0.0	0.0	0.0	0 0	8.2	0.3
Butte 86	0.0	0 0	3.4	0.3	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.3	7.6	0.3
Other & Unknown	7.3	25.2	37.3	3.3	51.6	4.3	10.1	4.6	7.3	12.2	19.3	23.8	20.8	15.4	153.7	5 4
All Varieties	29.0	100.0	1,130.0	100.0	1,200.0	100.0	215.0	100.0	60 0	100.0	81.0	100.0	135.0	100.0	2,850.0	100.0

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. **White wheat variety

Spring Wheat: Percent of Total Seeded Acreage 1998-2004 & Seeded Acreage 2003-2004 1/

Variety 2/	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1998	1999	2000	2001	2002	2003 3/	2004	2003 3/	2004
McNeal	26.5	40.4	48.8	49.2	38.8	35.9	31.7	1,023.7	903.9
Reeder	- -	- -	0.1	3.4	9.1	18.4	21.8	525.1	622.5
Ernest	7.6	9.4	10.7	10.1	11.4	11.0	10.2	313.1	289.1
Conan	- -	- -	1.0	3.1	5.0	3.7	7.3	105.6	208.3
Fortuna	6.5	5.0	4.9	5.1	7.8	3.8	4.7	108.6	133.7
Westbred Rambo	7.9	6.7	5.3	3.2	3.8	2.7	3.2	76.1	91.1
Amidon	17.2	14.2	10.9	7.8	6.2	4.0	2.9	115.0	83.2
Lew	1.8	1.3	0.9	1.2	1.8	2.8	2.4	79.2	67.9
Scholar	- -	- -	- -	0.5	1.9	3.0	2.3	84.5	64.4
Hank	- -	- -	- -	- -	0.3	1.2	1.8	33.7	51.1
Parshall	- -	- -	- -	0.5	1.4	1.6	1.1	45.5	30.5
Westbred 936	1.6	1.7	3.5	1.5	1.1	1.1	1.0	30.3	29.5
Westbred 926	1.8	2.5	2.2	1.8	1.5	1.1	1.0	31.0	27.3
Grandin	6.2	3.1	3.3	1.3	1.3	1.0	0.8	29.6	23.7
Len	1.8	1.2	1.6	1.2	0.8	0.5	0.5	15.1	15.0
Newana	2.0	1.2	0.9	0.6	0.3	0.3	0.5	8.4	14.9
Hi-Line	3.0	1.7	1.1	1.4	0.6	0 4	0.4	10.9	12.2
Gunner	- -	- -	- -	- -	0.4	0.8	0.4	24.2	12.2
Golden 86 **	- -	- -	- -	- -	- -	- -	0.3	- -	8.2
Butte 86	- -	- -	- -	- -	0.5	0.2	0.3	5.7	7.6
Other & Unknown	16.1	11.6	4.8	8.1	6.0	6.5	5.4	184.7	153.7
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2,850.0	2,850.0

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. 3/ Revised. **White wheat variety

Spring Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2003 1/, 2/

Variety 3/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
McNeal	6.6	21.6	305.2	27.4	521.5	40.9	103.0	51.0	17.1	44.4	31.1	57.6	39.2	28.8	1,023.7	35.9
Reeder	0.0	0.1	13.4	1.2	476.9	37.4	13.7	6.8	3.9	10.0	3.2	5.9	14.0	10.3	525.1	18.4
Ernest	0.0	0.0	238.4	21.4	44.6	3.5	22.8	11.3	0.0	0.0	0.5	0.9	6.8	5.0	313.1	11.0
Amidon	0.0	0.0	34.5	3.1	70.1	5.5	1.0	0.5	0.0	0.0	4.2	7.8	5.2	3.8	115.0	4.0
Fortuna	0.3	1.0	93.6	8.4	7.7	0.6	4.4	2.2	0.0	0.0	2.6	4.9	0.0	0.0	108.6	3.8
Conan	0.0	0.0	101.4	9.1	2.6	0.2	0.6	0.3	0.0	0.0	0.0	0.0	1.0	0.7	105.6	3.7
Scholar	0.0	0.0	64.6	5.8	12.8	1.0	5.3	2.6	0.0	0.0	0.0	0.0	1.8	1.3	84.5	3.0
Lew	0.0	0.0	70.2	6.3	6.4	0.5	0.0	0.0	0.0	0.0	2.3	4.2	0.3	0.2	79.2	2.8
Westbred Rambo	0.0	0.0	63.5	5.7	3.8	0.3	6.3	3.1	0.2	0.5	2.3	4.3	0.0	0.0	76.1	2.7
Parshall	0.0	0.0	0.0	0.0	29.3	2.3	0.0	0.0	0.0	0.0	0.8	1.5	15.4	11.3	45.5	1.6
Hank	5.0	16.3	24.5	2.2	0.0	0.0	3.6	1.8	0.2	0.5	0.4	0.8	0.0	0.0	33.7	1.2
Westbred 926	8.6	28.2	3.3	0.3	0.0	0.0	13.9	6.9	1.1	2.9	2.9	5.4	1.2	0.9	31.0	1.1
Westbred 936	3.1	10.2	8.9	0.8	0.0	0.0	6.5	3.2	11.8	30.7	0.0	0.0	0.0	0.0	30.3	1.1
Grandin	0.0	0.0	0.0	0.0	14.0	1.1	0.0	0.0	0.0	0.0	0.9	1.6	14.7	10.8	29.6	1.0
Gunner	0.0	0.0	0.0	0.0	24.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	0.8
Len	0.0	0.0	0.0	0.0	14.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.8	15.1	0.5
Stoa	0.0	0.0	0.0	0.0	10.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.8	12.6	0.4
Kulm	0.0	0.0	0.0	0.0	8.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.1	11.8	0.4
Hi-Line	0.0	0.0	4.5	0.4	2.6	0.2	1.0	0.5	2.8	7.3	0.0	0.0	0.0	0.0	10.9	0.4
Abbey	0.0	0.0	10.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.4
Newana	0.0	0.0	2.2	0.2	2.6	0.2	1.4	0.7	0.6	1.6	0.4	0.7	1.2	0.9	8.4	0.3
Butte 86	0.0	0.0	2.2	0.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.6	5.7	0.2
Other & Unknown	6.9	22.6	73.6	6.6	21.5	1.7	18.5	9.1	0.8	2.1	2.4	4.4	26.6	19.7	150.3	5.3
All Varieties	30.5	100.0	1,114.0	100.0	1,275.0	100.0	202.0	100.0	38.5	100.0	54.0	100.0	136.0	100.0	2,850.0	100.0

1/ Columns may not sum to all varieties due to rounding. 2/ Revised 3/ Hard red variety unless otherwise noted.

Durum Wheat: 2004 Seeded Acreage and Percent of Total Seeded by Districts 1/

Variety	North Central		Northeast		Central		Southeast		Other Districts		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Mountrail	1.2	2.7	238.4	44.9	0.0	0.0	5.7	39.9	0.0	0.0	245.3	40.9
Kyle	13.4	29.8	183.7	34.6	6.5	72.2	0.0	0.0	0.0	0.0	203.6	33.9
AC Avonlea	7.6	16.9	35.0	6.6	2.5	27.8	0.0	0.0	0.0	0.0	45.1	7.5
Ward	0.0	0.0	16.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	16.5	2.8
Ben	1.2	2.7	9.6	1.8	0.0	0.0	5.2	36.3	0.0	0.0	16.0	2.7
Lebsock	1.7	3.8	12.2	2.3	0.0	0.0	0.1	0.7	0.0	0.0	14.0	2.3
Monroe	0.0	0.0	9.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	9.6	1.6
Voss	4.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.8
Vic	0.0	0.0	4.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.7
Maier	0.0	0.0	0.0	0.0	0.0	0.0	2.5	17.5	0.0	0.0	2.5	0.4
Plaza	0.1	0.2	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.4
Sceptre	1.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.2
Crosby	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.2
Kamut	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.2
Other & Unknown	13.8	30.6	17.5	3.3	0.0	0.0	0.8	5.6	0.7	100.0	32.8	5.4
All Varieties	45.0	100.0	531.0	100.0	9.0	100.0	14.3	100.0	0.7	100.0	600.0	100.0

1/ Columns may not sum to all varieties due to rounding.

Durum Wheat: Percent of Total Seeded Acreage 1998-2004 & Seeded Acreage 2003-2004 1/

Variety	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1998	1999	2000	2001	2002	2003 2/	2004	2003 2/	2004
Mountrail	--	--	0.9	9.6	26.9	35.7	40.9	228.4	245.3
Kyle	44.5	55.3	52.5	45.3	40.2	38.0	33.9	243.5	203.6
AC Avonlea	--	--	1.4	3.9	3.4	4.3	7.5	27.8	45.1
Ward	1.9	4.4	2.3	3.1	2.8	2.4	2.8	15.6	16.5
Ben	0.2	4.1	7.8	8.0	5.6	4.3	2.7	27.7	16.0
Lebsock	--	--	--	--	0.3	3.4	2.3	21.9	14.0
Monroe	7.4	4.8	2.9	3.3	1.2	3.4	1.6	21.9	9.6
Voss	4.2	--	--	0.3	0.3	0.6	0.8	3.9	4.6
Vic	8.6	8.1	2.6	1.6	1.4	--	0.7	--	4.2
Maier	--	--	--	--	--	0.3	0.4	2.1	2.5
Plaza	--	--	--	--	0.8	0.8	0.4	5.2	2.2
Sceptre	6.8	3.4	2.9	1.5	1.3	--	0.2	--	1.4
Crosby	0.7	0.9	0.4	0.3	0.3	0.4	0.2	2.3	1.1
Kamut	--	--	--	--	--	0.4	0.2	2.6	1.1
Other & Unknown	25.7	19.0	26.3	23.1	15.5	6.0	5.4	37.1	32.8
All Varieties	100.0	100.0	100.0	100.0	100.0	100.0	100.0	640.0	600.0

1/ Columns may not sum to all varieties due to rounding. 2/ Revised.

Durum Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2003 1/, 2/

Variety	North Central		Northeast		Central		Southeast		Other Districts		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Kyle	10.6	27.2	226.2	39.2	6.5	75.0	0.0	0.0	0.2	50.0	243.5	38.0
Mountrail	0.0	0.0	225.6	39.1	1.0	11.9	1.8	12.0	0.0	0.0	228.4	35.7
AC Avonlea	5.3	13.7	22.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	27.8	4.3
Ben	5.7	14.6	15.6	2.7	0.0	0.0	6.4	42.7	0.0	0.0	27.7	4.3
Lebsock	0.0	0.0	21.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	21.9	3.4
Monroe	0.0	0.0	21.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	21.9	3.4
Ward	0.0	0.0	15.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	15.6	2.4
Renville	0.7	1.9	8.7	1.5	0.0	0.0	3.8	25.3	0.0	0.0	13.2	2.1
Medora	0.0	0.0	6.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	6.9	1.1
Utopia	5.7	14.5	0.0	0.0	0.4	4.7	0.0	0.0	0.0	0.0	6.1	1.0
Plaza	0.0	0.0	5.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.8
Voss	3.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.6
Kamut	1.9	4.8	0.0	0.0	0.7	8.4	0.0	0.0	0.0	0.0	2.6	0.4
Crosby	0.0	0.0	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.4
Maier	0.0	0.0	0.0	0.0	0.0	0.0	2.1	14.0	0.0	0.0	2.1	0.3
Westbred Laker	1.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.2
Stockholm	1.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.2
Durex	1.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.2
Other & Unknown	1.1	2.8	4.6	0.8	0.0	0.0	0.9	6.0	0.2	50.0	6.8	1.2
All Varieties	39.0	100.0	577.0	100.0	8.6	100.0	15.0	100.0	0.4	100.0	640.0	100.0

1/ Columns may not sum to all varieties due to rounding. 2/ Revised